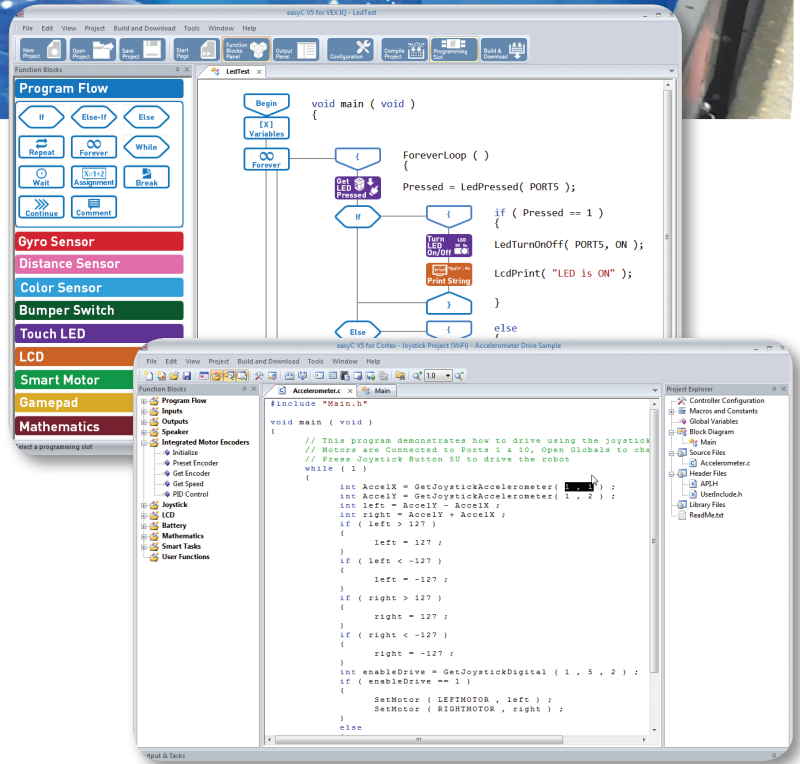


EasyC® v5 for VEX® EDR (Cortex) & VEX® IQ



EasyC v5 for EDR and VEX IQ provides the best way to harness the full power of VEX robotics systems. With one license for both the EDR and VEX IQ microcontroller, easyC provides the perfect programming solution for classrooms and competitive teams.

EasyC enables you to produce effective programs in a short period of time. Designed with the student and teacher in mind, easyC's simple-to-use graphical interface does all of the syntax and spacing, allowing you to focus on program flow and design. Each function block links to detailed help on how to use that particular function. Experienced programmers can use the text editor to enter true C code. Tutorials and sample projects enable users of any level to program quickly and effectively.



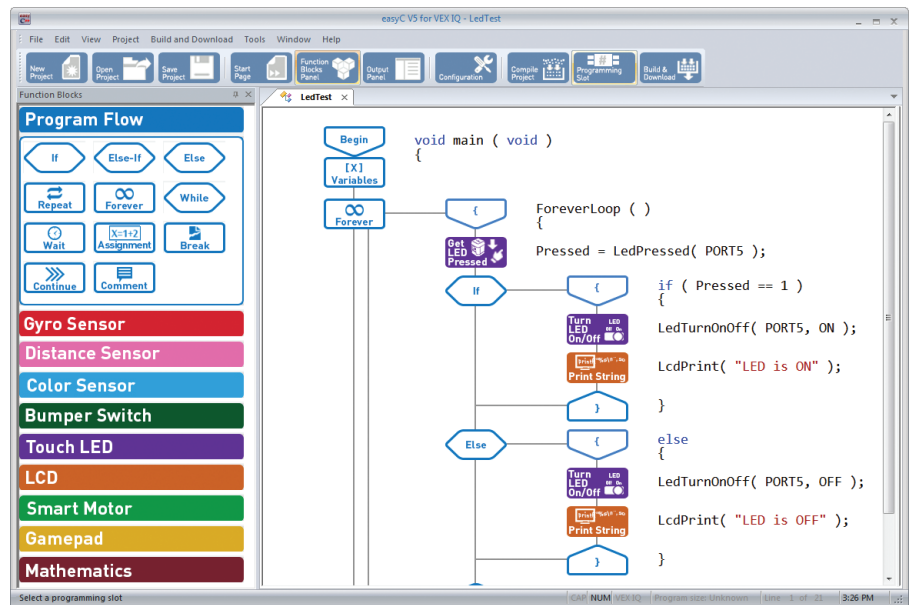
Why Use easyC?

- Craw, Walk, Run software design:**
 Start programming with zero experience, learn at your own pace. With easyC providing exposure to real C code, users can quickly advance to more complex programming methods.
- Drivers, firmware and software all included**
 With all the vital elements bundled together, you never have to go searching the web for a missing piece to make your robot function.
- Context-sensitive help**
 Click the help button on any current window to receive help specific to the task at hand.
- One application for both VEX IQ and EDR**
 Program both the VEX IQ and EDR controller by changing modes with one click within the interface.
- Extensive samples library**
 You'll find a sample program for every function in easyC, enabling users to quickly understand how functions work.
- Tutorials**
 Included accessible tutorials help you get up and running quickly, with less guessing and more doing.
- Phone-based technical support**
 Call us for support to help you accomplish the task at hand.

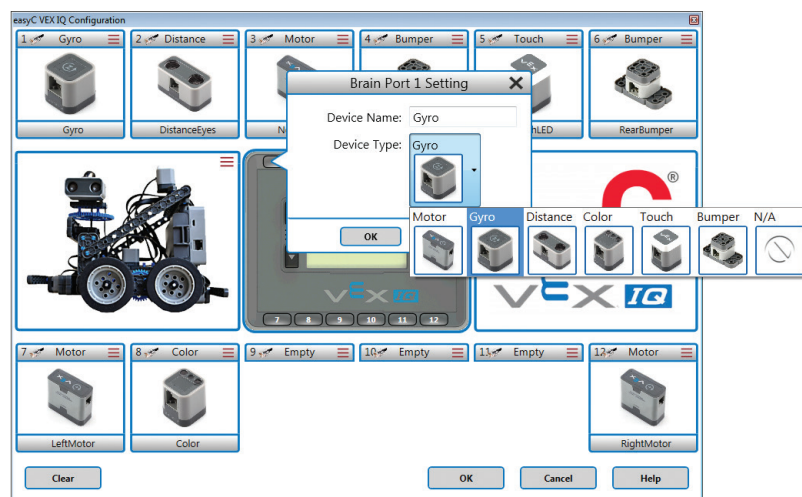


Robust capabilities in an easy-to-learn interface

- Large icons for visual learners
- Color coded function blocks for easy navigation
- Picture based configuration screen
- Easy-to-use flow chart themes show icons, text or both
- Option to show C-code or description of code
- Dynamic controller configuration screen maps ports to custom component names
- Pre-defined robot configurations
- Easy-to-define gamepad control for tank and arcade
- Download 4 different programs to the controller
- Name driven sensors instead of port numbers
- Natural language programming mode
- Simplified variable types makes getting sensor feedback easy.
- Display variables on the robot LCD screen
- Easy-access tutorials and sample programs enable quick learning.



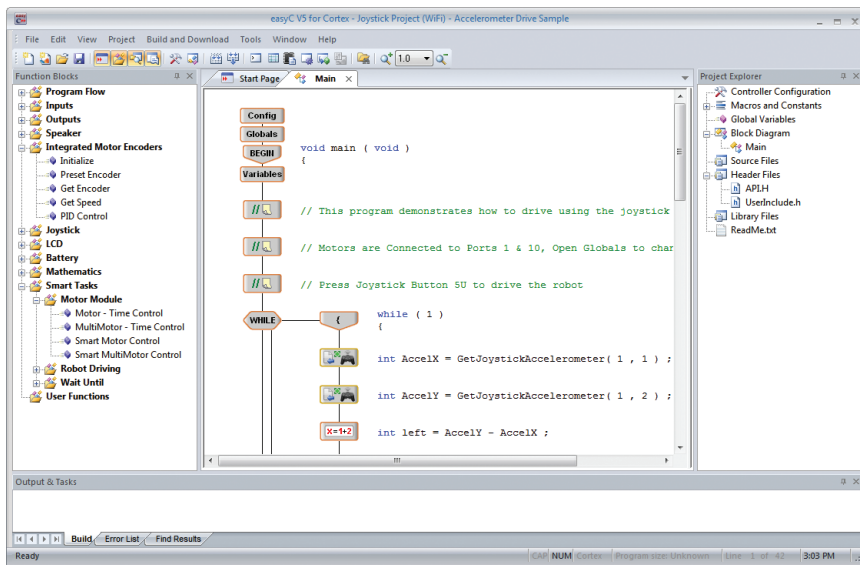
EasyC for VEX IQ configurable interface for visual learners



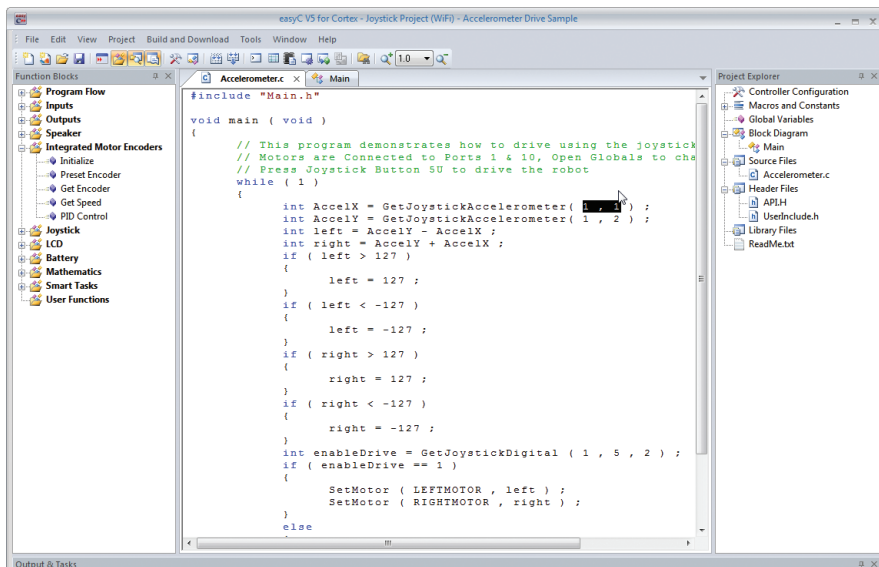
Use the Smart Controller configuration to name motors, sensors and ports

VEX EDR

Advanced users can quickly build complex programs



Drag-and-drop flowchart interface gives quick access to advanced capabilities



EasyC for EDR text editor

- Interface modeled after industry-standard development environments
- On-Line Window allows users to test their robot without programming
- Smart Tasks allow single function drivetrain commands
- Easy-to-use sensor functions.
- Built in P.I.D. function for controlling Integrated Motor Encoders
- Graphics display allows users to build dashboard for monitoring programs
- Competition mode enables testing competition programs without extra hardware
- Non-interpreted code runs controller at full speed
- Fully ANSI C compatible
- Full text editor
- Save variables to the internal flash memory

As part of a complete robotics education solution, there's no comparison to easyC!

Feature	EasyC	RobotC	Modkit
One program for both EDR and IQ	✓	✓	✗
One installation - no additional downloads required	✓	✗	✗
Native "C" text editor (EDR)	✓	✗	✗
Compile in native "C"	✓	✗	✗
Compatible with Smart board software	✓	✗	✗
Email support included	✓	✓	✓
Phone support included	✓	✗	✗
On-site support available	✓	✗	✗
Video tutorials	✓	✓	✓
On-line help	✓	✓	✓
Full learning management system (LMS) for classrooms with grading & student tracking available	✓	✗	✗
Integrated standards-based e-learning curriculum available (LMS required)	✓	✗	✗



Make easyC part of a comprehensive curriculum for middle school or high school, featuring:

- Standards-based e-learning content.
- All-inclusive VEX hardware packages for any class size.
- LMS for curriculum delivery, classroom management and student tracking.
- Full support and training from one source.
- A complete and cohesive pathway from middle school to college- and career-ready skills, with certification!

"Having used numerous programming environments as a controls engineer, I find easyC perfect for our robotics programs"

Mike Harvey
Robotics Instructor
Hawaii Baptist Academy

Computer Requirements

- Windows XP SP3/Vista/Windows 7/8/8.1, 32 or 64bit
- 512 MB RAM (1 GB recommended)
- 512 MB available HD space
- USB Port

Ordering Information

Perpetual license 63-2060-5001

Annual license 63-2060-5101

Perpetual license is permanent, requiring no renewal.
Annual license is for 365 days.

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